ERIC P. NEWMAN NUMISMATIC EDUCATION SOCIETY

6450 Cecil Avenue, St. Louis, Missouri 63105

October 24, 1995

Karen Campbell
University of Vermont
Bailey Howe Library
Burlington, VT 05405

Dear Ms. Campbell:

In your Bailey Howe Collection we have learned from the Soslau Bibliography that you have an extensive collection of fairabnks scale catalogs. We spoke to the Soslaus and they suggested we contact you.

Gearoge Mallis and I, who are veteran collectors of money scales and counterfeit coin detecting devices have almost completed a book on that subject. We have studied all of the scales we can locate. You have many Fairbanks catalogs we have not checked. We have the 1903 catalog No. 372 where on page 148 # 617 and 618 are coin scales. We are wondering if there are other types or varieities in your span of other catalogs. If so would you be able to make us photocopies of those pages. We will of course pay appropriate expense. Are ther any U.S. coin weights in those catalogs? When did Fairbanks start and stop advertising the items shown in the 1903 catalog or other items you may find.

We hope our request is not burdensome and we will be glad to furnish you with any information on such scales as we have at any time.

As an indication of our sincereity I will be gald to send you one of my books The Early Paper Money of America (400 + pages) which has a section on Vermont paper money of 1781, unless you already have it in your library.

Your cooperation will be appreciated on the scale matter.

Sincerely yours,

Eric P. Newman

The University of Vermont

Guy W. David W.
BAILEY / HOWE
LIBRARY
BURLINGTON, VT 05405

SPECIAL COLLECTIONS

November 22, 1995

Mr. Eric P. Newman
6450 Cecil Avenue
St. Louis, MO 63105

Dear Mr. Newman:

I must apologize for the delay in responding to your letter of Oct. 24. This is our busiest time of the semester, as you can well imagine, and I expect I will not be able to work on your inquiry for a few more weeks. Rest assured, I will be happy to do some research on the counterfeit coin devices manufactured by the Fairbanks Company. Normally we cannot offer this level of research assistance, but you have sparked my interest! (George Mallis has sent an inquiry as well, and has received a similar reply.)

Thank you for your kind offer of sending us a copy of your book, *The Early Paper Money of America*, however the library does own a copy.

Sincerely,

Karen Stites Campbell

Karen Stites Campbell
Reference Specialist

An Equal Opportunity/Affirmative Action Employer

The University of Vermont

Guy W. David W.
BAILEY / HOWE
LIBRARY
BURLINGTON, VT 05405

SPECIAL COLLECTIONS

December 11, 1995

Lt. Col. A. George Mallis
788 Stony Hill Road
Wilbraham, MA 01095

and

Mr. Eric P. Newman ✓
6540 Cecil Avenue
St. Louis, MO 63105

Dear Sirs:

I hope you do not mind if I answer both your letters of inquiry at once. Since you are working together, and your questions overlapped, I thought it convenient to answer both as one. While I was able to answer some parts of your inquiries, others remain elusive. Although our library's Fairbanks scale catalogues are fairly comprehensive from the 1880s to 1920s, we by no means have a complete collection (I'm working on that!). I do hope the following sheds some light on the history of the Fairbanks Scale Company.

> Two brothers, Erastus and Thaddeus Fairbanks, founded the E. & T. Fairbanks Co. in 1830 and manufactured the first platform scale originally designed to weigh wagonloads of hay or hemp. In 1834 another brother, Joseph, joined the business, and the name changed to E. & T. Fairbanks and Co.
>
> Charles Hosmer Morse worked for the company as a sales clerk, and in 1857 moved to Chicago to the sales agency of Fairbanks & Greenleaf. After the Civil War, Morse opened his own agency in Cincinnati. There Morse also established the first branch plant, known as Fairbanks, Morse & Co. in 1865. His successes were rewarded in 1870 when he was made a partner in Fairbanks, Greenleaf & Co.
>
> In 1871 the Great Chicago Fire destroyed the offices, and when the building was rebuilt, the sales agency was renamed Fairbanks, Morse & Co. Morse moved this company from sales to manufacturing, and added steam engines, railway cars, and generators to its line. In 1916 Fairbanks, Morse & Co. bought control of E. & T. Fairbanks and Co., and continued to diversify its product line. (Ryan, Francis. Crisis in a one-industry town. 1976.)

An Equal Opportunity/Affirmative Action Employer

By 1945 nine Fairbanks-Morse & Co. plants operated in:

Beloit, Wisconsin	Stuttgart, Arkansas
Pomona, California	Freeport, Illinois
Three Rivers, Michigan	San Francisco, California
East Moline, Illinois	St. Johnsbury, Vermont
St. Louis, Missouri	

In addition, 29 branches (service facilities and stock part warehouses) were scattered throughout the U.S. The Canadian Fairbanks-Morse Company, Ltd. included 13 branches. (Fairbanks, Morse & Co., Pioneers in Industry, 1945.)

My research did not turn up more information on the Fairbanks' Infallible Scale Co. However, the enclosed record of their 1896 publication, Money, includes a catalogue of scales. You may wish to request this through inter-library loan; the record notes two libraries that own a copy.

Some of the confusion surely stems from the variations on the Fairbanks Company names used by the warehouses and sales agencies. I thought it might be useful to send you a copy of the 1865 E. & T. Fairbanks & Co. catalogue listing these.

One Fairbanks catalogue from 1894 offers several double-pan coin and bullion scales. Other catalogues ranging from 1878 to 1911 include one type of postal and coin scale (the enclosed copy indicates the catalogue numbers which all feature the same illustration).

Best wishes for continued success,

Karen Stites Campbell

Karen Stites Campbell
Reference Specialist

P.S. (No charge for enclosed copies; thanks for your patience.)

OCLC NUMBER (ON) - 15555657 Record 1 of 1

OCLC Number: 15555657

Author: Fairbanks' Infallible Scale Co.
Title: Money : short chapters on the creation of money, production of precious metals, currency, coinage, and coinage laws, the mode and manner of counterfeiting and tampering with coins, the detection thereof, and other valuable financial data
Published: Baltimore, Md. : Guggenheimer, Weil & Co., printers, 1896.
Description: Pages: iii, 103 p. :
Contains: ill., port. ;
Size: 19 cm.

Subject: Scales (Weighing instruments) --Catalogs.
Money.
Coinage.

Other Authors: Harrison, Walter H.

Notes: Catalog of Fairbanks' scales: p. 65-81.
Includes testimonials.

Libraries: LIBRARIES: STATE: DC LIBRARY: lnn STATE: DE LIBRARY: deh

--- Page 2 of 2 ---

Choose one of the following commands:
U=Up D=Database Selection H=Help
B=Backward S=Search R=Print O=Holdings Q=Quit
ENTER YOUR SELECTION:

■ sageunix.uvm.e 12 34

TermPAC V2.0B-aix-0725

Retrieval by OCLC Number (ON) - Long View

OCLC NUMBER (ON) - 1150075 Record 1 of 1

OCLC Number: 01150075

Author: Fairbanks (E.& T.) & Co.
Title: Fairbanks' pocket atlas of the United States, and miniature railway guide, wth illustrations and descriptions of Fairbanks' standard platform & counter scales.
Published: New York, Sch^Qonberg [1859]
Description: Pages: v, 59 p.
Contains: illus., col. maps.
Size: 15 cm.

Subject: Scales (Weighing instruments)

--- Page 1 of 2 ---

Choose one of the following commands:
F=Forward U=Up D=Database Selection H=Help
S=Search R=Print O=Holdings Q=Quit
ENTER YOUR SELECTION:

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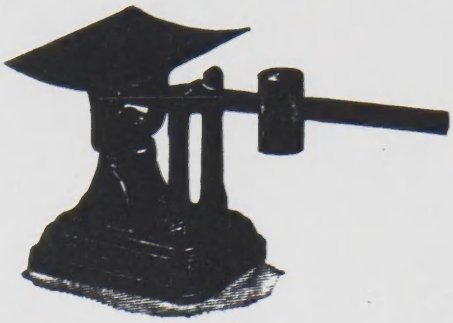
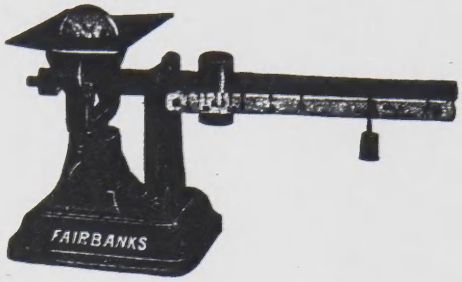
Retrieval by OCLC Number (ON) - Long View

POSTAL SCALES.



Postal.



Postal and Coin.

For description of ordinary Postal Scales, see page 749.

The Postal and Coin Scales above illustrated are for United States coin only.

The slots in the pan determine the diameter and thickness of genuine coins, and by use of the "Coin" Beam the weight of the coin is given. Thus the three necessary requirements —weight, diameter and thickness—are shown. The main beam may be used for weighing ordinary postal matter.

No. 617 has Coin Beam only.

No.		Capacity, Ounces.	Price, Brass.	Price, Nickel Plated
601.	Postal	9 x ½	$3.00	$5.00
613.	"	16 x ½	4.00	6.00
604.	"	34 x ½	6.00	8.50
617.	Coin only	9 x ½	4.00	6.00
618.	Postal and Coin	9 x ½	5.00	7.00

Found in

① Catalogue No. 512, 1908

② Catalogue No 505, 1906

③ Catalogue No 329, 1893

④ Catalogue No 530, 1911

(4) Fairbank's scales, 1878
Fairbanks standard

JUNE 1ST, 1894.

ILLUSTRATED PRICE LIST

— OF —

FAIRBANKS' SCALES,

STEAM SPECIALTIES

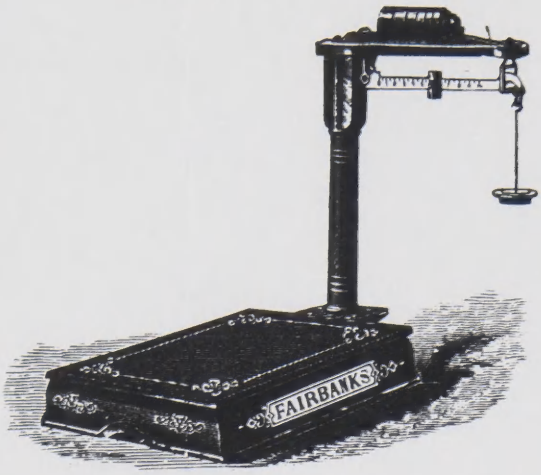
— AND —

GENERAL MACHINERY.

THE FAIRBANKS CO.,

NEW YORK, ALBANY, BALTIMORE, BOSTON, BUFFALO,
NEW ORLEANS, PHILADELPHIA, PITTSBURGH,
AND LONDON, ENGLAND.

Platform Counter Scales.



This style of Platform Scale, of a pattern suitable to be used on the counter, is convenient for many purposes for which the larger Platform Scales are not well adapted. It is, as shown, constructed for exceedingly fine weighing, from ¼ ounce upward. It is also made with a tall iron or wood pillar to stand upon the floor.

WITH SHORT IRON PILLAR. BRASS SLIDING POISE.

New No.	Old No.	Capacity.	Platform.	Price.
1212	12	2 oz. to 300 lbs.	13½ × 19 in.	$19.00
1220	12	¼ " 300 "	13½ × 19 "	35.00

No. 1220 has Brass Weights and Counterpoise.

Bullion Scale (Troy Weight).

No.	Capacity.	Platform.	Price.
1238	¼ oz. to 300 lbs.	13½ × 19 in.	$50.00

Elegantly finished, with Brass Sliding Poise, Brass Weights and Counterpoise.

Platform Counter Scale.

WITH BRASS SLIDING POISE.

New No.	Old No.	Capacity.	Platform.	Price.
528	12½	1 oz. to 200 lbs.	10½ × 14 in.	$16.00

This Scale is similar in appearance to the No. 1212.

Platform Scales.

WITH TALL IRON PILLAR AND BRASS SLIDING POISE.

New No.	Old No.	Capacity.	Platform.	Price.
1214	12	2 oz. to 300 lbs.	13½ × 19 in.	$21.00

WITH TALL WOOD PILLAR AND BRASS SLIDING POISE.

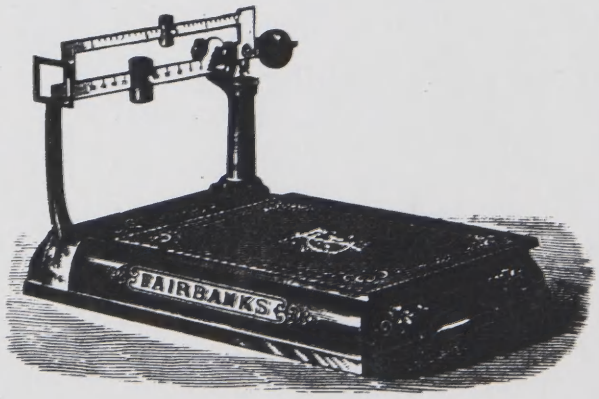
New No.	Old No.	Capacity.	Platform.	Price.
1230	12	2 oz. to 300 lbs.	13½ × 19 in.	$22.00

Express Package Scale.

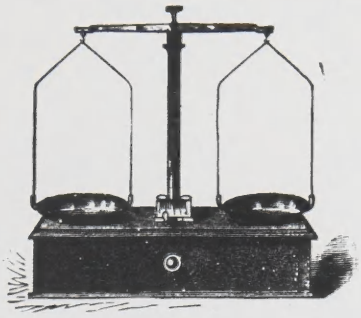
This very compact pattern of Scale is largely used for weighing express packages, and is adapted for this use by the small space which it takes up and by having the whole capacity from 1 ounce to 55 pounds on the beam, thus requiring no loose weights.

DOUBLE BEAM. FULL CAPACITY ON BEAMS.

No.	Capacity.	Platform.	Price.
532	1 oz. to 55 lbs.	10½ × 12 in.	$15.00



Jewelers' and Brokers' Scales.



VERY FINELY ADJUSTED.

Brass column, brass beam, brass pans and bows, and wood box with drawer. Sealed troy cup weights, pennyweights and grains complete.

No.	Diameter of Pans.	Length of Beam.	Capacity.	Price.
3024.	4 in.	7 in.	8 oz.	$13.50
3026.	4½ "	8 "	8 "	15.50
3028.	5 "	9 "	16 "	18.00
3030.	6 "	10 "	32 "	23.00
3032.	7½ "	12 "	32 "	27.50
3034.	8 "	15 "	64 "	35.50
3036.	10½ "	20 "	128 "	77.00

Manufacturing Jewelers' Balance.

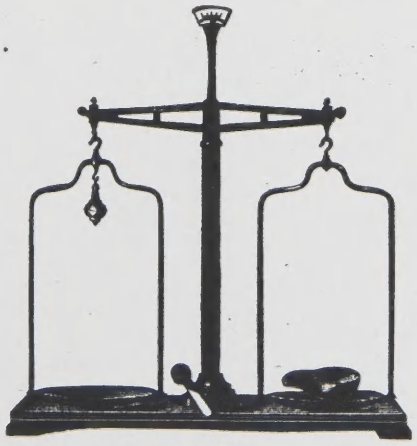


FIG. 238.

For weighing jewelry, silverware, bullion, etc. Price includes weights as quoted.

This very popular and reliable Balance is mounted on a walnut platform, and is well finished; has improved lever, extra pan for loose matter; balance is large and roomy, and is well adapted for use in the store or workshop.

Length of Beam.	Pans.	Set of Weights.	Price.
24 in.	12 in.	200 oz.	$90.00
18 "	10 "	100 "	55.00
16 "	9 "	64 "	45.00
14 "	8 "	32 "	35.00

Silver Scale.

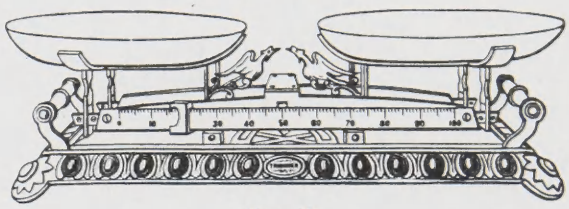


FIG. 35.

A new and reliable Scale of large capacity, for weighing large or small amounts; solid silver or plated ware, or any bulky matter; has "Agate" bearings, heavy 14 inch pans; with side beam on the front which weighs to 1 ounce, and is divided into 100 equal divisions, each representing the 100th part of an ounce; this saves the use of weights smaller than an ounce; scale will carry 300 ounces in each pan, and is used by Tiffany & Co., Gorham Manufacturing Co. and others.

Price (without weights), ... $45.00

Price of weights (200 ounces and down), see page 60.

Jewelers' Balance.

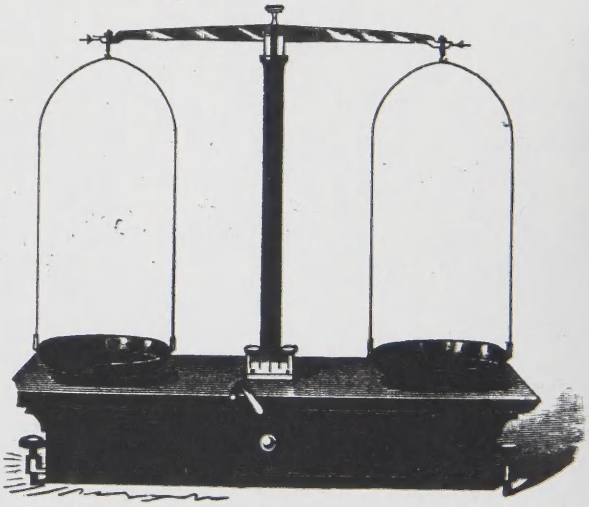


FIG. 135.

No. 0 (see cut). Elegant balance, of the finest finish; on French polished mahogany box, with drawer; screw feet and level; capacity, 100 ounces in each pan; sensibility, ¼ grain pans are 7 inches, nickel plated.

Price, ... $45.00

Same balance in a fine mahogany case, counterpoised sliding door, ... 65.00

No. 1. Balance on mahogany box; has movable 6 inch pans sensible to $\frac{1}{10}$ grain; capacity, 30 ounces in each pan.

Price, ... $24.00

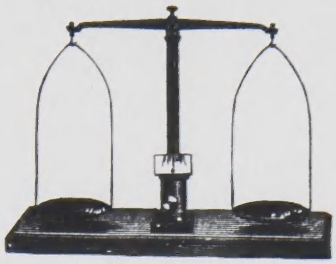
No. 2 has 4 inch nickel pans; capacity, 10 ounces in each pan sensible to $\frac{1}{10}$ grain.

Price, ... $18.00

No. 3 has 3 inch nickel pans; capacity, 5 ounces in each pan sensible to $\frac{1}{10}$ grain.

Price, ... $15.00

Gold and Silver Coin Scales.



With weights showing least current weight of the gold and silver coinage of the United States.

Price, on box, with set of either gold or silver weights, . . . $20.00
" " " both gold and silver weights, ... 24.00

If Scale is wanted in glass case, add $12.00 to above.

COINAGE TABLE.

Standard weight, Tolerance and Minimum legal weight of new coins, least current weight of old coin, and fineness of United States coinage, under the Coinage Act of 1873, approved February 12, 1873, and February 28, 1873, with standard weight of fine metal and amount of legal tender.

Coinage.	Denomination.	Standard Weight in Grains.	Tolerance.	Minimum Legal Weight of New Coins, Less Tolerance.	Least Current Weight After Twenty Years' Wear.	Pure Metal.	Amount of Legal Tender.
			Grains.	Grains.	Grains.	Grains.	
Gold	1 D	25.8	¼	25.55	*25.671	23.22	Unlimited
"	2½ "	64.5	¼	64.25	64.178	58.05	"
"	3 "	77.4	¼	77.15	77.013	69.66	"
"	5 "	129.0	¼	128.75	128.355	116.10	"
"	10 "	258.0	¼	257.50	256.71	232.20	"
"	20 "	516.0	¼	515.50	513.42	464.40	"
Silver	10 C	38.58	1½	37.08	.....	34.722	$5 any one payment
"	20 "	77.16	1½	75.66	.....	69.444	"
"	25 "	96.45	1½	94.95	.....	86.805	"
"	50 "	192.9	1½	191.4	.....	173.61	"
"	1.00 "	412½	1½	411.0	.....	371.25	Unlimited

*The limit of tolerance of the gold dollar being ¼ grain (nearly double the limit of abrasion), the gold dollar will continue current until reduced in weight below 25.55 grains.

Balance.

For weighing jewelry, chemicals, ores, gold and silver coin, etc.

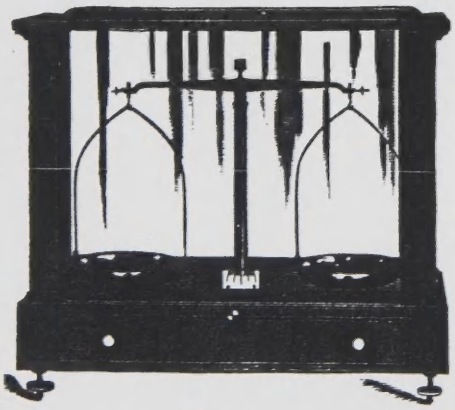


Fig. 25.

Balances are in elegant French polished mahogany cases, with leveling feet and glass level; adjusting screws on beam; movable nickel pans, all of the finest finish and highest sensibility.

No. 1.	Beam, 14 in.	Diameter of Pans, 6 in.	Capacity, 30 oz.	Price,	$42.00
" 2.	" 10 "	" " 4 "	" 10 "	"	35.00
" 3.	" 8¾ "	" " 3 "	" 5 "	"	28.00

Jewelers' Balance.

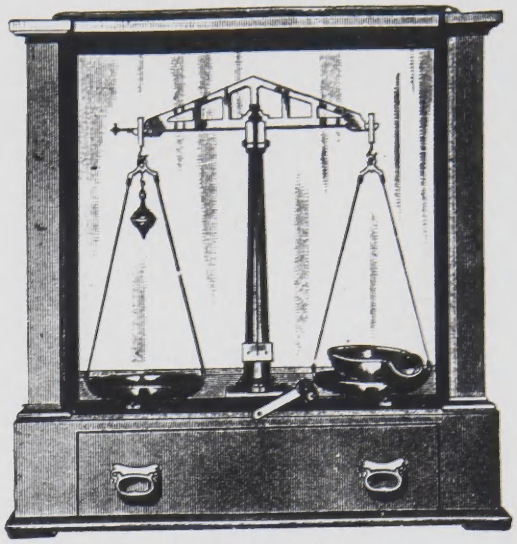


Fig. 24.

Balance of the very finest finish; in French polished glass case; with counterpoised door, sliding upward; has open beam; 8 inch nickel pans that are movable; capacity, 200 ounces and sensible to ½ grain; has extra pan for loose matter; inside measure of case is 35 inches high, 30 inches wide.

Price includes a full set of weights, 50 ounces to 1 grain. These are neatly fitted in the drawer of case.

Price, ... $95.00
Same Balance, with weights 100 oz. and down (225 oz. in all), 105.00

Bullion Balances.

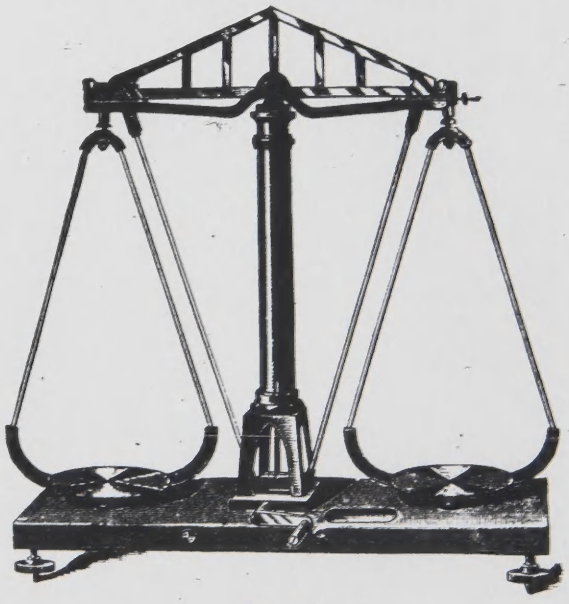


Fig. 175.

No. 175 Balance will carry 2,000 ounces in each pan; open brass beam, pans and arches also of brass; has the complex levers to arrest the beam and its hangings; platform is of iron, neatly japanned; has adjusting screws on beam; glass level and leveling feet; sensible to $\frac{1}{200}$ of an ounce. Price does not include weights.

Price, ... $210.00

No. 176 Balance, same as the above in all respects; capacity is 500 ounces in each pan, and sensible to 1 grain; price is without weights.

Price, ... $160.00

FAIRBANKS'

Standard Scales.

MANUFACTURERS,

E. & T. FAIRBANKS & CO.

ST. JOHNSBURY, VERMONT.

PRINCIPAL WAREHOUSES:

FAIRBANKS & CO., 252 Broadway, New York.
FAIRBANKS & CO., 246 Baltimore Street, Baltimore, Md.
FAIRBANKS, BROWN & CO., 118 Milk Street, Boston, Mass.
FAIRBANKS & EWING, Masonic Hall, Philadelphia, Pa.
FAIRBANKS, GREENLEAF & CO., 226 & 228 Lake St., Chicago.
FAIRBANKS, MORSE & CO., 125 Walnut St., Cincinnati, O
FAIRBANKS, MORSE & CO., 152 Superior St., Cleveland, O.
FAIRBANKS & HUTCHINSON, San Francisco, California.
FAIRBANKS & CO., 72 Camp Street, New Orleans.

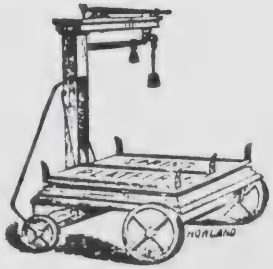
For a List of Local Agents in the principal Cities and Towns in the United States and British Provinces.

☞ pages 27 to 36.

FAIRBANKS'

Standard

PLATFORM AND COUNTER



SCALES,

ADAPTED TO EVERY BRANCH OF BUSINESS WHERE A CORRECT AND DURABLE SCALE IS REQUIRED.

A UNIFORM STANDARD OF WEIGHTS, AND A CORRECT SYSTEM OF WEIGHING, ARE SUBJECTS CLAIMING THE ATTENTION OF EVERY INDIVIDUAL IN THE COMMUNITY.

Even Balances.

No. 1. Weighing from half an ounce to ten pounds.
No. 1. With brass scale-beam. Weighing from one-half of an ounce to ten pounds.
No. 2. Weighing from half an ounce to six pounds.
No. 3. Weighing from half an ounce to four pounds.
These four last scales may be made to weigh two or three times as much by using common weights.
Larger and smaller sizes of these scales will be furnished to order. They are extensively used by Grocers, Druggists and Confectioners.

Improved Letter Balance.

No. 1. Weighing from one-half an ounce to two pounds.
No. 2. Weighing from one-half an ounce to eight ounces.
Graduated to quarter ounces when ordered, without additional cost.
These balances have been adopted by the United States Post Office Department, and are now considered the *standard letter balances* of the country.

LOCAL AGENTS

For the Sale of Fairbanks' Scales.

1866.

MAINE.

Augusta	S. S. Brooks.
"	F. Hathaway.
Bangor	R. S. Morrison & Co.
Belfast	A. J. Morrison.
Bath	Owen & Co.
Calais	Chase, Barker & Co.
Eastport	Warren & Hathaway.
"	Peabody & Cummings.
Gardiner	Tibbetts & Lander.
Portland	Emery, Waterhouse & Co.
Rockland	Walter J. Wood.

NEW HAMPSHIRE.

Concord	Gust Walker.
"	Warde, Humphrey & Co.
Dover	G. F. Rollins & Co.
Keene	Spencer & Co.
Manchester	J. B. Varick & Co.
Nashua	Charles H. Nutt.
Portsmouth	George L. Treadwell.

VERMONT.

Brattleboro'	Tyler & Thompson.
Burlington	Jed. P. Clark & Co.
Rutland	Howe, Hall & Co.
St. Albans	Victor Atwood.

MASSACHUSETTS.

Boston	Fairbanks, Brown & Co.
Fitchburg	Wright, Woodward & Co.
Fall River	Daniel Stillwell.
"	J. F. Westgate.
Greenfield	S. Allen's Sons,
Holyoke	Gustavus Snow.
Lowell	Chase, Sargent & Shattuck.
"	Jacob Rogers & Co.
New Bedford	Sullings & Kingman.
Newburyport	D. T. Woodwell & Co.
"	Washington Adams.
Northampton	William H. Todd.
North Adams	Burlingame & Darby.
Pittsfield	Dutton & Pierson.
Salem	Adams, Richardson & Co.
Springfield	Homer Foot & Co.
Worcester	C. Foster & Co.

RHODE ISLAND.

Newport	Finch, Rogs & Co.
Pawtucket	Cudworth & Fifield.
Providence	Barker, Whitaker & Co.

CONNECTICUT.

Bridgeport	F. H. Lyon.
"	Thomas Hawley & Co.
Hartford	R. F. Blodget & Co.
"	Le Roy & Co.
"	Terry & Cone.
"	George M. Way & Co.

CONNECTICUT—continued.

New Haven	Hotchkiss & Mersick.
"	Chas. Atwater & Sons.
"	Cyprian Willcox.
New London	Harris, Williams & Co.
Norwich	E. A. Bill.
"	A. T. Converse.
Waterbury	Albert Burritt.
Willimantic	Blanchard & Co.

NEW YORK.

Albany	Edward Wilson & Co.
"	William Drown.
"	Todd & Howe.
Amsterdam	Gardiner & Schuyler.
Auburn	John Chedell.
Bath	Gansevoort & Barron.
Binghamton	Clarence Ashley.
"	McKinney & Co.
Buffalo	Ayer & Denniston.
"	Sidney Shepard & Co.
"	E. Corning & Co.
Corning	Walker & Lathrop.
Cuba	H. A. Mead.
Dansville	Brown & Grant.
Elmira	E. H. Cook & Co.
Fort Plain	O. O. Austin.
Fort Covington	William Hogle.
Geneva	R. M. & T. J. Skilton & Co.
Glens Falls	De Long & Son.
Homer	George Murray.
Hudson	E. A. Gifford, Jr.
Ithaca	John Rumsey.
Little Falls	George Ashley & Co.
Lockport	Flagler, Pomeroy & Rood.
Lowville	Pfister & Dayan.
Malone	Lewis & Clark.
Middletown	Scott & Vail.
"	Dill & Swalm.

NEW YORK—continued.

Newburgh	L. M. Smith & Co.
New York City	Fairbanks & Co.
Ogdensburg	Ashley & Phillips.
Olean	C. V. B. Barse.
Oneida	Farnam & Turner.
Oswego	I. N. Collins & Co.
"	A. B. Merriam.
Owego	Storrs, Chatfield & Co.
Penn Yan	N. R. Long & Co.
Peekskill	George W. Stevens.
Poughkeepsie	A. J. Coffin & Co.
Potsdam	Sanford & Morgan.
Rome	Wardwell & Co.
Rochester	M. M. Smith.
Schenectady	Conde & Co.
Seneca Falls	Langworthy & Burt.
Syracuse	Bradley, Parshall & Co.
"	Giles Everson & Co.
Tarrytown	D. D. & W. E. Willsea.
Troy	J. M. Warren & Co.
Utica	Dana & Company.
Watertown	D. D. Otis.
"	H. & E. F. Cooper.
West Troy	E. A. & G. R. Meneely.

NEW JERSEY.

Flemington	A. V. Bonnell & Co.
Morristown	Voorhees & Co.
Newark	Macknet, Wilson & Baldwin.
Newton	W. W. Woodward.
Trenton	Brearley, Cogill & Co.

PENNSYLVANIA.

Allentown	M. S. Young & Co.
Bethlehem	H. G. Krause.
Carlisle	Jacob Stauffer.
Chambersburg	Huber & Talbert.
Chester	H. B. & A. Taylor.

PENNSYLVANIA—continued.

Corry	Swift & Dezendorf.
Danville	T. O. Van Allen & Co.
Easton	George Schimmell.
Erie	McConkey & Shannon.
Franklin	Plumer Bros.
Greencastle	A. W. Welsh & Co.
Harrisburg	Kelker & Brother.
Honesdale	S. A. Terrel.
Lancaster	George M. Steinman & Co.
Mahanoy City	H. P. Stichter.
Meadville	J. D. Gill & Co.
Philadelphia	Fairbanks & Ewing.
Phœnixville	Pennypacker & Evans.
Pittsburgh	Jos. Woodwell & Co.
Pottsville	Lewis C. Thompson & Co.
Reading	J. L. Stichter.
Scranton	Hunt Brothers.
Shamokin	W. R. Kutzner.
Titusville	F. H. Eddy & Co.
Warren	Beecher & Coleman.
Wilkesbarre	Z. Bennett & Co.
Williamsport	Lewis McDowell.

DELAWARE.

Wilmington	Garrett Kent & Co.
"	J. A. Robinson & Co.

MARYLAND.

Baltimore	Fairbanks & Co.
Frederick	R. H. Magill.

VIRGINIA.

Alexandria	J. P. Bartholow & Co.
Lynchburg	Ambrose B. Rucker.
Norfolk	E. P. Tabb & Co.
Petersburg	Gilliam & Dunlop.
"	Dunn, Plummer & Co.

VIRGINIA—continued.

Richmond ..... W. S. Donnan & Co.
" ..... West, Beardsley & Co.
Wheeling ..... Ott, Son & Co.

DISTRICT OF COLUMBIA.

Washington ..... J. P. Bartholow & Co.

NORTH CAROLINA.

Charlotte ..... Taylor & Duncan.
Newbern ..... Mitchell, Allen & Co.
Wilmington ..... A. H. Neff.
" ..... Mitchell, Allen & Co.

SOUTH CAROLINA.

Charleston ..... J. & F. Dawson.
Columbia ..... R. L. Bryan.

GEORGIA.

Athens ..... Nicholson, Reaves & Co.
Atlanta ..... T. M. & R. C. Clark.
" ..... R. J. Lowry & Co.
Augusta ..... John Nelson & Son.
Columbus ..... Hall, Moses & Co.
Macon ..... Carhart & Curd.
Rome ..... Ayer, Hills & Panchen.
Savannah ..... Brady, Smith & Co.
" ..... Bell, Wylly & Christian.

FLORIDA.

Jacksonville ..... C. L. Robinson.

ALABAMA.

Huntsville ..... Burke & Peabody.
Mobile ..... Woodruff & Parker.
" ..... A. J. Moses & Co.
Montgomery ..... Wyman, Moses & Co.

LOUISIANA.

New Orleans ..... Fairbanks & Co.

TEXAS.

Galveston ..... E. S. Wood.
Houston ..... E. S. Wood.
San Antonio ..... Norton Bros.

TENNESSEE.

Chattanooga ..... Gillespie, Watkins & Co.
Cleveland ..... J. S. Harris.
Knoxville ..... Branner & Johnson.
Memphis ..... McCoombs & Co.
Nashville ..... J. R. Paul & Co.

KENTUCKY.

Louisville ..... W. B. Belknap & Co.
Maysville ..... Owens & Barkley.

MISSOURI.

St. Louis ..... Pratt & Fox.

CALIFORNIA.

San Francisco ..... Fairbanks & Hutchinson.

OHIO.

Alliance ..... Wright & Pennock.
Bucyrus ..... Martin Deal.
Bellefontaine ..... F. D. Prouty & Co.
Chillicothe ..... M. Lewis & Co.
Cincinnati ..... Fairbanks, Morse & Co.
" ..... Traber & Aubery.
Cleveland ..... Fairbanks, Morse & Co.
" ..... L. F. & S. Burgess.
" ..... W. Bingham & Co.
Columbus ..... Kilbourne, Kuhns & Co.
Dayton ..... Loomis & Barnett.

Ohio—continued.

Dayton	W. H. Pritz & Co.
Fremont	Roberts & Sheldon.
Marietta	Hovey, Jarus, Battelle & Co.
Newark	Fleck & Sherwood.
Portsmouth	Hibbs & Co.
Springfield	Rice & Co.
Tiffin	J. M. Naylor & Bro.
Toledo	Whittaker & Phillips.
Warren	Packard, Cook & Co.
Youngstown	W. & A. J. Packard.
Zanesville	Palmer, Strong & Co.
"	E. E. Fillmore & Co.

INDIANA.

Evansville	Hornbrook & Co.
Fort Wayne	Coombs & Co.
Indianapolis	William P. Gallup.
Lafayette	Atkinson & Garland.
Madison	Hargan, Sappington & Co.
New Albany	John E. Crane & Bro.
Terre Haute	C. C. Smith & Co.
"	G. Foster Smith.
Vincennes	N. Smith.

ILLINOIS.

Alton	Nelson & Hayner.
Bloomington	Holder, Milner & Co.
Cairo	Miller, Stratton & Co.
Chicago	Fairbanks, Greenleaf & Co.
Decatur	Morehouse, Wells & Co.
Freeport	H. C. Burchard.
Galena	B. O. Stillman.
Jacksonville	Mathers & Wadsworth.
Ottawa	G. W. Pierce.
Peoria	Walker & McIlvaine.
Quincy	C. E. Allen.
Springfield	E. B. Pease.

MICHIGAN.

Detroit	Farrand, Sheley & Co.
Grand Rapids	W. D. Foster.
Hancock	Woodward, Patterson & Co.
Jackson	Rice, Pratt & Co.
Kalamazoo	Dudgeon & Cobb.

WISCONSIN.

Beloit	Wateman & Gordon.
Fond du Lac	Perkins & Smith.
Janesville	E. S. Barrows.
La Crosse	Lloyd & Supplee.
Madison	John N. Jones.
Milwaukee	Lansing Bonnell.
Portage City	N. H. Wood & Co.
Ripon	Taggart & Bro.
Sheboygan	F. Lawrence.

MINNESOTA.

Saint Paul	A. H. Wilder & Co.
Winona	R. D. Cone.

IOWA.

Burlington	Foote & Ewing.
Cedar Falls	H. C. Hunt.
Cedar Rapids	H. S. Camp & Son.
Council Bluff	C. J. Fox.
Davenport	J. M. Dalzell & Bro.
"	Kelley & Wood.
Des Moines	Sanford & Sherman.
Dubuque	Waller & Christman.
"	Westphal & Hinds.
Eddyville	Fish & Wightman.
Keokuk	Cady & Peck.
Knoxville	J. S. Cunningham & Bro.
McGregor	G. C. Cone.

IOWA—continued.

Muscatine	Weed, Bridgman & Kent.
Ottumwa	Daggett & Edgerly.
Sioux City	A. Groninger.
Waterloo	Maverick & Siberling.

COLORADO.

Denver	Harper, Steel & Co.

CANADA WEST.

London	Adam Hope & Co.
Kingston	J. Carruthers & Co.
Toronto	A. K. Boomer.

CANADA EAST.

Montreal	Frothingham & Workman.
Quebec	Chinic & Beaudet.
Sherbrook	Milton Carr.

NEW BRUNSWICK.

St. John	William Thomson.
"	I. & F. Burpee.

PRINCE EDWARD'S ISLAND.

Charlottetown	Carvell Brothers.

NOVA SCOTIA.

Halifax	John Stairs.

NEWFOUNDLAND.

St. Johns	Clift, Wood & Co.

CUBA.

Havana	Fernandez de la Hasa.
Matanzas	Phillip Chartrand.

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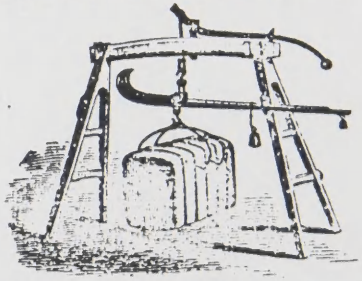

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